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NEWS 4 Apr 09 ZDB will be removed from STN  
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
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NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS  
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
  
NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
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NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:43:46 ON 02 OCT 2002

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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0.21

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 1 OCT 2002 HIGHEST RN 457857-22-6

DICTIONARY FILE UPDATES: 1 OCT 2002 HIGHEST RN 457857-22-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNnote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s omneprazole/cn

L1 0 OMNEPRAZOLE/CN

=> s pantoprazole/cn

L2 1 PANTOPRAZOLE/CN

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 102625-70-7 REGISTRY

CN 1H-Benzimidazole, 5-(difluoromethoxy)-2-[[3,4-dimethoxy-2-pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 5-(Difluoromethoxy)-2-[[3,4-dimethoxy-2-pyridyl)methyl]sulfinyl]-1H-benzimidazole

CN BY 1023

CN **Pantoprazole**

CN SKF 96022

FS 3D CONCORD

DR 154644-14-1

MF C16 H15 F2 N3 O4 S

CI COM

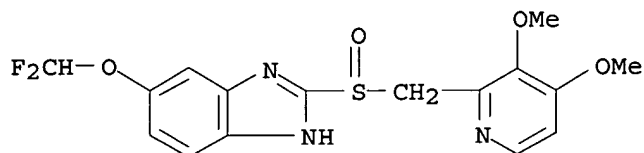
SR CA

Print selected from Online session15:52Page 2

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*,  
BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,  
CHEMCATS, CIN, DDFU, DIOGENES, DRUGNL, DRUGPAT, DRUGU, DRUGUPDATES,  
EMBASE, IPA, MEDLINE, MRCK\*, MSDS-OHS, PHAR, PROMT, RTECS\*, SYNTHLINE,  
TOXCENTER, USAN, USPATFULL

(\*File contains numerically searchable property data)

Other Sources: WHO



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

338 REFERENCES IN FILE CA (1962 TO DATE)

11 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

339 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s omeprazole

L3 17 OMEPRAZOLE

=> s omeprazole/cn

L4 1 OMEPRAZOLE/CN

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 73590-58-6 REGISTRY

CN 1H-Benzimidazole, 5-methoxy-2-[[ (4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN (.+-.)-Omeprazole

CN 2-[[ (3,5-Dimethyl-4-methoxy-2-pyridyl)methyl]sulfinyl]-5-methoxy-1H-benzimidazole

CN Acidex

CN Antra

CN Antra MUPS

CN Audazol

CN Aulcer

CN Belmazol

CN Ceprandal

CN Desec

CN Dizprazol

CN Dudencer

CN Elgam

CN Emeproton

CN Epirazole

CN Gastrimut

CN Gastroloc

CN Gastrozole

CN Gibancer

CN H 168/68

Print selected from Online session02/10/2002

CN Indurgan  
CN Inhibitron  
CN Inhipump  
CN Logastric  
CN Lomac  
CN Losec  
CN Miol  
CN Miracid  
CN Mopral  
CN Ocid  
CN Omapren  
CN Omebeta 20  
CN Omed  
CN Omedar  
CN OMEP  
CN Omepral  
CN **Omeprazole**  
CN Omeprazon  
CN Omepril  
CN Omezol  
CN Omezzol  
CN Omid  
CN Omisec  
CN Omizac  
CN OMP  
CN Ompanyt  
CN OMZ  
CN Oprax  
CN Opraz  
CN Ozoken

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
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FS 3D CONCORD

DR 172964-80-6, 131959-78-9

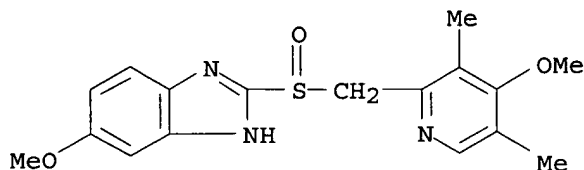
MF C17 H19 N3 O3 S

CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*,  
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CEN, CHEMCATS, CIN, CSChem, CSNB, DDFU, DIOGENES, DRUGNL, DRUGPAT,  
DRUGU, DRUGUPDATES, EMBASE, HSDB\*, IPA, MEDLINE, MRCK\*, PHAR,  
PHARMASEARCH, PIRA, PROMT, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2,  
USPATFULL, VETU

(\*File contains numerically searchable property data)

Other Sources: WHO



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2209 REFERENCES IN FILE CA (1962 TO DATE)

41 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

Print selected from Online session02/10/2002

2215 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> file uspatall  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
21.06	21.27

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CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 15:46:45 ON 02 OCT 2002  
CA INDEXING COPYRIGHT (C) 2002 AMERICAN CHEMICAL SOCIETY (ACS)

=> d his

(FILE 'HOME' ENTERED AT 15:43:46 ON 02 OCT 2002)

FILE 'REGISTRY' ENTERED AT 15:43:54 ON 02 OCT 2002

L1	0 S OMNEPRAZOLE/CN
L2	1 S PANTOPRAZOLE/CN
L3	17 S OMEPRAZOLE
L4	1 S OMEPRAZOLE/CN

FILE 'USPATFULL, USPAT2' ENTERED AT 15:46:45 ON 02 OCT 2002

=> s l4 and (blood plasma profile or extended release)  
L5 8 L4 AND (BLOOD PLASMA PROFILE OR EXTENDED RELEASE)

=> d abs bib hitstr 1-8

L5 ANSWER 1 OF 8 USPATFULL

AB In one embodiment, the invention relates to sustained-release compositions comprising one or more prolamins, one or more gelling agents, and one or more active agents. Such compositions are particularly useful for controlled delivery of high solubility and/or high dosage active agents. In another embodiment, the present invention relates to delayed-onset compositions comprising a dry coating comprising one or more prolamins and one or more gelling agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2002:198314 USPATFULL

TI Prolamin-based sustained-release compositions and delayed-onset compositions

IN Bacon, Johnatan, Montreal, CANADA  
Desjardins, Alain, Montreal, CANADA

PI US 2002106408 A1 20020808

AI US 2000-728840 A1 20001201 (9)

DT Utility

FS APPLICATION

LREP PENNIE AND EDMONDS, 1155 AVENUE OF THE AMERICAS, NEW YORK, NY, 100362711

CLMN Number of Claims: 17

ECL Exemplary Claim: 1

DRWN 7 Drawing Page(s)

LN.CNT 936

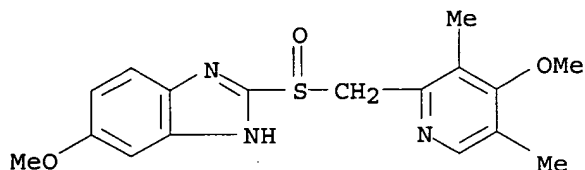
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 73590-58-6, Omeprazole

(prolamin-based sustained-release compns. and delayed-onset compns.)

RN 73590-58-6 USPATFULL

CN 1H-Benzimidazole, 5-methoxy-2-[[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 2 OF 8 USPATFULL

AB An oral pharmaceutical dosage form comprising an acid susceptible proton pump inhibitor and one or more NSAIDs in a fixed formulation, wherein the proton pump inhibitor is protected by an enteric coating layer. The fixed formulation is in the form of an enteric coating layered tablet, a capsule or a multiple unit tableted dosage form. The multiple unit dosage forms are most preferred. The new fixed formulation is especially useful in the treatment of gastrointestinal side-effects associated with NSAID treatment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2002:69628 USPATFULL

TI Oral pharmaceutical dosage forms comprising a proton pump inhibitor and a NSAID

IN Depui, Helene, Goteborg, SWEDEN

Lundberg, Per, Molndal, SWEDEN

PA AstraZeneca AB, Sodertalje, SWEDEN (non-U.S. corporation)

PI US 6365184 B1 20020402

AI US 1999-471958 19991223 (9)

RLI Continuation of Ser. No. US 793078, now abandoned

PRAI SE 1996-70 19960108

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dudash, Diana; Assistant Examiner: Sharareh, Shahnam

LREP White & Case LLP

CLMN Number of Claims: 34

ECL Exemplary Claim: 1

DRWN 6 Drawing Figure(s); 2 Drawing Page(s)

LN.CNT 1319

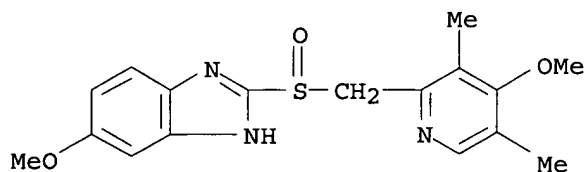
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 73590-58-6, Omeprazole

(oral pharmaceuticals contg. proton pump inhibitor and NSAID)

RN 73590-58-6 USPATFULL

CN 1H-Benzimidazole, 5-methoxy-2-[[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 3 OF 8 USPATFULL

AB The present invention is related to an effervescent pharmaceutical preparation comprising effervescent excipients and a plurality of individual units comprising a pharmaceutically active compound and optional excipients wherein the units (1) are provided with a floating generating system. The floating generating systems comprises at least two coating layers, one of which is a gas generating layer (2) and the other layer is a barrier layer (3) enclosing the generated gas. Furthermore the invention is related to a process for the manufacture of the dosage forms, and their use in medicine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2001:147489 USPATFULL

TI Multiple unit effervescent dosage form

IN Lundberg, Per Johan, Molndal, Sweden  
Thune, Mikael, Molndal, Sweden

PA AstraZeneca AB, Sodertalje, Sweden (non-U.S. corporation)

PI US 6284271 B1 20010904

WO 9901112 19990114

AI US 1998-125933 19980828 (9)

WO 1998-SE1209 19980622

19980828 PCT 371 date

19980828 PCT 102(e) date

PRAI SE 1997-2533 19970701

DT Utility

FS GRANTED

EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Fubara, Blessing

LREP White & Case LLP

CLMN Number of Claims: 10

ECL Exemplary Claim: 1

DRWN 4 Drawing Figure(s); 2 Drawing Page(s)

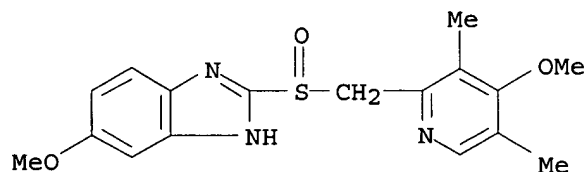
LN.CNT 725

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 73590-58-6, Omeprazole  
(multiple unit effervescent dosage forms)

RN 73590-58-6 USPATFULL

CN 1H-Benzimidazole, 5-methoxy-2-[[[4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



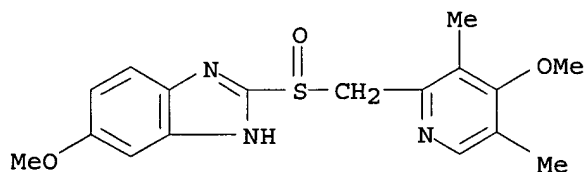
L5 ANSWER 4 OF 8 USPATFULL

AB A new administration regimen giving an extended plasma concentration profile of a H.sup.+, K.sup.+ATPase inhibitor. The extended plasma profile is received by two or more consecutive administrations of a unit dose of a H.sup.+, K.sup.+ATPase with 0.5-4 hours interval or by a pharmaceutical composition with **extended release**, which may be administered once daily.

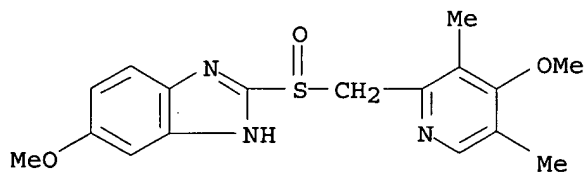
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2001:114635 USPATFULL

TI ADMINISTRATION OF PHARMACEUTICALS  
IN CEDERBERG, CHRISTER, MOLNDAL, Sweden  
SACHS, GEORGE, ENCINO, CA, United States  
PI US 2001008900 A1 20010719  
AI US 1997-945425 A1 19971021 (8)  
WO 1997-SE1098 19970618  
None PCT 102(e) date  
PRAI SE 1996-2442 19960620  
DT Utility  
FS APPLICATION  
LREP WHITE & CASE LLP, PATENT DEPARTMENT, 1155 AVENUE OF THE AMERICAS, NEW  
YORK, NY, 10036  
CLMN Number of Claims: 17  
ECL Exemplary Claim: 1  
DRWN 1 Drawing Page(s)  
LN.CNT 355  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
IT 73590-58-6, Omeprazole 73590-58-6D, Omeprazole, alk.  
salts and enantiomers  
(administration regimen of H<sup>+</sup>, K<sup>+</sup>ATPase inhibitors)  
RN 73590-58-6 USPATFULL  
CN 1H-Benzimidazole, 5-methoxy-2-[[[4-methoxy-3,5-dimethyl-2-  
pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



RN 73590-58-6 USPATFULL  
CN 1H-Benzimidazole, 5-methoxy-2-[[[4-methoxy-3,5-dimethyl-2-  
pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 5 OF 8 USPATFULL  
AB The present invention provides solid pharmaceutical compositions for improved delivery of a wide variety of pharmaceutical active ingredients contained therein or separately administered. In one embodiment, the solid pharmaceutical composition includes a solid carrier, the solid carrier including a substrate and an encapsulation coat on the substrate. The encapsulation coat can include different combinations of pharmaceutical active ingredients, hydrophilic surfactant, lipophilic surfactants and triglycerides. In another embodiment, the solid pharmaceutical composition includes a solid carrier, the solid carrier being formed of different combinations of pharmaceutical active ingredients, hydrophilic surfactants, lipophilic surfactants and



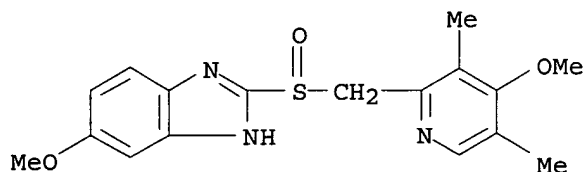
triglycerides. The compositions of the present invention can be used for improved delivery of hydrophilic or hydrophobic pharmaceutical active ingredients, such as drugs, nutrionals, cosmeceuticals and diagnostic agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2001:93131 USPATFULL  
TI Solid carriers for improved delivery of active ingredients in pharmaceutical compositions  
IN Patel, Mahesh V., Salt Lake City, UT, United States  
Chen, Feng-Jing, Salt Lake City, UT, United States  
PA Lipocine, Inc., Salt Lake City, UT, United States (U.S. corporation)  
PI US 6248363 B1 20010619  
AI US 1999-447690 19991123 (9)  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Spear, James M.  
LREP Reed, Dianne E. Reed & Associates  
CLMN Number of Claims: 57  
ECL Exemplary Claim: 1  
DRWN 4 Drawing Figure(s); 4 Drawing Page(s)  
LN.CNT 3302

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 73590-58-6, Omeprazole  
(solid carriers for improved delivery of active ingredients in pharmaceutical compns.)  
RN 73590-58-6 USPATFULL  
CN 1H-Benzimidazole, 5-methoxy-2-[[[4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



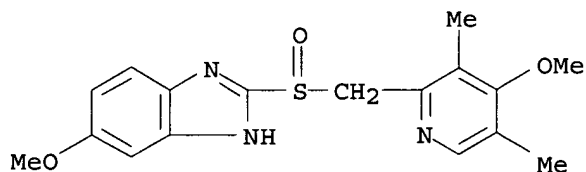
L5 ANSWER 6 OF 8 USPATFULL

AB An oral pharmaceutical dosage form comprising an acid susceptible proton pump inhibitor and one or more antibacterial compounds in a fixed formulation. The fixed formulation is intended for oral use and in the form of an enteric coating layered tablet, an capsule or a multiple unit tableted dosage form. The multiple unit dosage form is most preferred. The new fixed formulation is especially useful in the treatment of disorders associated with Helicobacter infections.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2000:141911 USPATFULL  
TI Oral pharmaceutical dosage form  
IN Depui, Helene, Goteborg, Sweden  
Rosinski, Adam, Molndal, Sweden  
PA Astra Aktiebolag, Sodertalje, Sweden (non-U.S. corporation)  
PI US 6136344 20001024  
WO 9624375 19960815  
AI US 1996-628712 19960415 (8)  
WO 1996-SE125 19960202

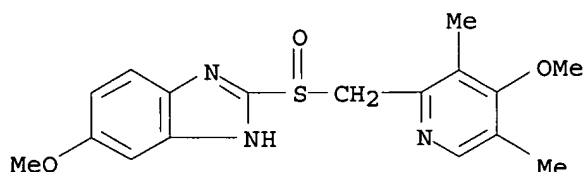
19960415 PCT 371 date  
19960415 PCT 102(e) date  
RLI Continuation-in-part of Ser. No. US 1995-464775, filed on 7 Jun 1995,  
now abandoned  
PRAI SE 1995-422 19950206  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Kishore, Gollamudi S.  
LREP White & Case LLP  
CLMN Number of Claims: 25  
ECL Exemplary Claim: 1  
DRWN 4 Drawing Figure(s); 1 Drawing Page(s)  
LN.CNT 1271  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
IT 73590-58-6, Omeprazole  
(oral multiple unit pharmaceutical dosage forms)  
RN 73590-58-6 USPATFULL  
CN 1H-Benzimidazole, 5-methoxy-2-[[ (4-methoxy-3,5-dimethyl-2-  
pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 7 OF 8 USPATFULL  
AB An oral pharmaceutical dosage form comprising a proton pump inhibitor and one or more prokinetic agents in a fixed formulation, wherein the proton pump inhibitor is protected by an enteric coating layer. The fixed formulation is in the form of multilayered tablets, capsules or multiple unit tableted dosage forms. The multiple unit dosage forms are most preferred. The new fixed formulation is especially useful in the treatment of disorders associated with gastro oesophageal reflux diseases.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AN 2000:137861 USPATFULL  
TI Oral pharmaceutical dosage forms comprising a proton pump inhibitor and a prokinetic agent  
IN Depui, Helene, Goteborg, Sweden  
Hallgren, Agneta, Molndal, Sweden  
PA AstraZeneca AB, Sodertalje, Sweden (non-U.S. corporation)  
PI US 6132771 20001017  
WO 9725065 19970717  
AI US 1997-750936 19970213 (8)  
WO 1996-SE1736 19961220  
19970213 PCT 371 date  
19970213 PCT 102(e) date  
PRAI SE 1996-72 19960108  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Seidleck, Brian K  
LREP White & Case LLP

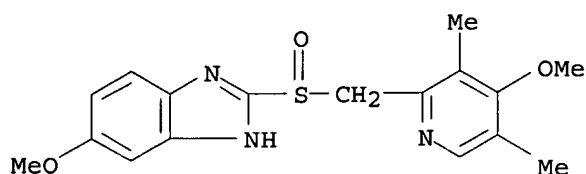
CLMN Number of Claims: 22  
ECL Exemplary Claim: 1  
DRWN 4 Drawing Figure(s); 1 Drawing Page(s)  
LN.CNT 1165  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
IT 73590-58-6, Omeprazole  
(oral pharmaceutical dosage forms comprising proton pump inhibitor and prokinetic agent for gastroesophageal reflux treatment)  
RN 73590-58-6 USPATFULL  
CN 1H-Benzimidazole, 5-methoxy-2-[[[4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 8 OF 8 USPATFULL  
AB The present invention deals with a pharmaceutical product in unit dosage form and a unit dosage drug delivery system which comprises a multiple layer capsule or housing having two or more layers, the layers being of materials, wherein the outer layer possesses a hydrophilic character and the inner layer possesses a hydrophobic character, and a capsule filling wherein one or more drug substances are admixed, dissolved, suspended or agglomerated in a hydrophobic support.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 1998:118864 USPATFULL  
TI Drug delivery system  
IN Veronesi, Paolo Alberto, Milan, Italy  
PA Therapicon S.R.L., Milan, Italy (non-U.S. corporation)  
PI US 5814338 19980929  
WO 9601612 19960125  
AI US 1997-765952 19970109 (8)  
WO 1995-EP2488 19950624  
19970109 PCT 371 date  
19970109 PCT 102(e) date  
PRAI GB 1994-13951 19940711  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Schofer, Joseph L.; Assistant Examiner: Shelborne, Kathryn E.  
LREP Shurtz, Steven P.Brinks Hofer Gilson & Lione  
CLMN Number of Claims: 48  
ECL Exemplary Claim: 1  
DRWN 4 Drawing Figure(s); 3 Drawing Page(s)  
LN.CNT 1363  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
IT 73590-58-6, Omeprazole  
(hydrophobic and hydrophilic multiple layered capsules for drugs)  
RN 73590-58-6 USPATFULL  
CN 1H-Benzimidazole, 5-methoxy-2-[[[4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



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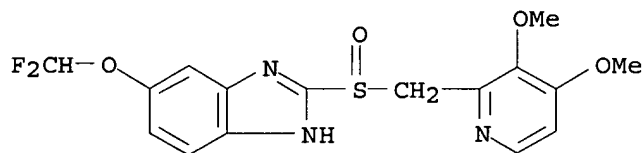
L5 8 S L4 AND (BLOOD PLASMA PROFILE OR EXTENDED RELEASE)

=> s l2 and (extended release or blood plasma profile)

L6 4 L2 AND (EXTENDED RELEASE OR BLOOD PLASMA PROFILE)

=> d 1-4 hitstr bib abs

L6 ANSWER 1 OF 4 USPATFULL  
IT 102625-70-7, Pantoprazole  
(oral pharmaceuticals contg. proton pump inhibitor and NSAID)  
RN 102625-70-7 USPATFULL  
CN 1H-Benzimidazole, 5-(difluoromethoxy)-2-[[3,4-dimethoxy-2-pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



AN 2002:69628 USPATFULL  
TI Oral pharmaceutical dosage forms comprising a proton pump inhibitor and a NSAID  
IN Depui, Helene, Goteborg, SWEDEN  
Lundberg, Per, Molndal, SWEDEN  
PA AstraZeneca AB, Sodertalje, SWEDEN (non-U.S. corporation)  
PI US 6365184 B1 20020402  
AI US 1999-471958 19991223 (9)  
RLI Continuation of Ser. No. US 793078, now abandoned  
PRAI SE 1996-70 19960108  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Dudash, Diana; Assistant Examiner: Sharareh, Shahnam  
LREP White & Case LLP

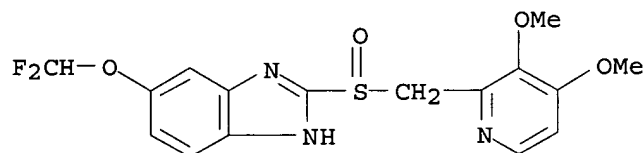
CLMN Number of Claims: 34  
ECL Exemplary Claim: 1  
DRWN 6 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 1319

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An oral pharmaceutical dosage form comprising an acid susceptible proton pump inhibitor and one or more NSAIDs in a fixed formulation, wherein the proton pump inhibitor is protected by an enteric coating layer. The fixed formulation is in the form of an enteric coating layered tablet, a capsule or a multiple unit tableted dosage form. The multiple unit dosage forms are most preferred. The new fixed formulation is especially useful in the treatment of gastrointestinal side-effects associated with NSAID treatment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 2 OF 4 USPATFULL  
IT 102625-70-7, Pantoprazole  
(oral compns. contg. antimicrobial actives and sustained-release pantoprazole)  
RN 102625-70-7 USPATFULL  
CN 1H-Benzimidazole, 5-(difluoromethoxy)-2-[[ (3,4-dimethoxy-2-pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



AN 2001:130895 USPATFULL  
TI Oral pharmaceutical composition with delayed release of active ingredient for pantoprazole  
IN Sachs, George, Encino, CA, United States  
Dietrich, Rango, Constance, Germany, Federal Republic of  
PA BYK Gulden Lomberg Chemische Fabrik GmbH, Constance, Germany, Federal Republic of (non-U.S. corporation)  
PI US 6274173 B1 20010814  
AI US 1999-461388 19991215 (9)  
RLI Continuation of Ser. No. US 1998-42090, filed on 13 Mar 1998, now patented, Pat. No. US 6068856 Division of Ser. No. US 1995-498386, filed on 5 Jul 1995, now patented, Pat. No. US 5945124  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Spear, James M.  
LREP Jacobson Holman, PLLC  
CLMN Number of Claims: 17  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 509

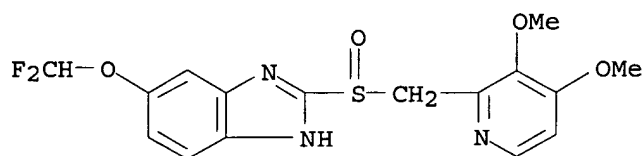
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An oral pharmaceutical composition comprises an acid-labile irreversible proton pump inhibitor in pellet or tablet form, wherein the irreversible proton pump inhibitor is at least partly in slow-release form. On combined administration with an anti-microbially-active ingredient, the composition is distinguished by imparting an enhanced action of rapid

onset against disorders caused by Helicobacter.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 4 USPATFULL  
IT 102625-70-7, Pantoprazole  
(oral compns. contg. antimicrobial actives and sustained-release  
pantoprazole)  
RN 102625-70-7 USPATFULL  
CN 1H-Benzimidazole, 5-(difluoromethoxy)-2-[[3,4-dimethoxy-2-  
pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



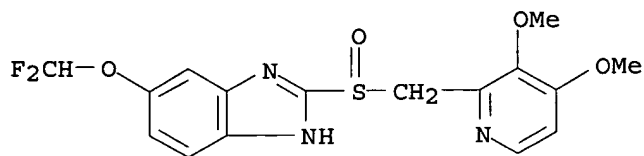
AN 2000:67447 USPATFULL  
TI Oral pharmaceutical composition with delayed release of active  
ingredient for pantoprazole  
IN Sachs, George, Encino, CA, United States  
Dietrich, Rango, Constance, Germany, Federal Republic of  
PA BYK Gulden Chemische Fabrik GmbH, Constance, Germany, Federal Republic  
of (non-U.S. corporation)  
PI US 6068856 20000530  
AI US 1998-42090 19980313 (9)  
RLI Division of Ser. No. US 1995-498386, filed on 5 Jul 1995, now patented,  
Pat. No. US 5945124  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Spear, James M.  
LREP Jacobson, Price, Holman & Stern, PLLC  
CLMN Number of Claims: 16  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 497

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An oral pharmaceutical composition of pantoprazole in pellet or tablet  
form, wherein the pantoprazole is at least partly in slow-release form,  
is distinguished, on combined administration with an  
antimicrobially-active ingredient, by an enhanced action of rapid onset  
against disorders caused by Helicobacter.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 4 OF 4 USPATFULL  
IT 102625-70-7, Pantoprazole  
(oral compns. contg. antimicrobial actives and sustained-release  
pantoprazole)  
RN 102625-70-7 USPATFULL  
CN 1H-Benzimidazole, 5-(difluoromethoxy)-2-[[3,4-dimethoxy-2-  
pyridinyl)methyl]sulfinyl]- (9CI) (CA INDEX NAME)



AN 1999:102514 USPATFULL  
TI Oral pharmaceutical composition with delayed release of active  
ingredient for pantoprazole  
IN Sachs, George, Encino, CA, United States  
Dietrich, Rango, Constance, Germany, Federal Republic of  
PA BYK Gulden Chemische Fabrik GmbH, Constance, Germany, Federal Republic  
of (non-U.S. corporation)  
PI US 5945124 19990831  
AI US 1995-498386 19950705 (8)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Spear, James M.  
LREP Jacobson, Price, Holman & Stern, PLLC  
CLMN Number of Claims: 15  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 513  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB An oral pharmaceutical composition of pantoprazole in pellet or tablet  
form, wherein the pantoprazole is at least partly in slow-release form,  
is distinguished, on combined administration with an  
antimicrobially-active ingredient, by an enhanced action of rapid onset  
against disorders caused by Helicobacter.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.